

INSTITUTIONAL CONTROLS

Institutional Controls (ICs) are administrative and legal controls that help minimize the potential for human exposure to contamination on a property, or to protect the integrity of an existing remedy. In accordance with Indiana Public Law 78-2009, the Indiana Department of Environmental Management (IDEM) is required to consider a risk based approach to site closure for environmentally impacted sites. This means that some sites are closed with residual contamination left in place so long as institutional controls are attached to the property's deed restricting certain land uses or activities. IDEM created a GIS layer using the legal descriptions of these restricted properties. The GIS layer is called "IC_RESTRICTED" sites.

There are two different colors of polygons on the IC_RESTRICTED GIS layer; yellow and orange.

- The yellow polygons ("RestrictedSites-InstitutionalCtrls Approved") have an institutional control recorded on the property deed and the legal description has been verified by IDEM's GIS Coordinator.
- The orange polygons ("RestrictedSites-IC Recorded-Area Unverified") have an institutional control recorded on the property deed. However, the legal description has not yet been verified by IDEM's GIS Coordinator.

ATTRIBUTE TABLE

The IC_RESTRICTED GIS layer includes polygons of sites that have closed with residual contamination left in place. Using the GIS Feature Service layer, if a yellow or orange polygon is hovered over, an attribute table (Figure 1) will pop up providing the following information.

Figure 1

Institutional Controls Approved : Triangular Parcel Site	
MASTER_AI_ID	23,779.00
FACILITY_ID	4070906
FACILITY_NAME	Triangular Parcel Site
STREET_ADDRESS	420 N Senate Ave
CITY	Indianapolis
COUNTY	Marion County
REGULATORY_PROGRAM	Brownfields Program
CLOSURE_TYPE	BFF Comfort Letter 1/25/2008
IC_TYPE	Environmental Restrictive Covenant
RM_IC_ID	1,075.00
DATE_IC_RECORDED	7/24/2008, 8:00 PM
CONTROL_METHODS	Soil or Vegetative Cap; Agricultural or Food Crop; Excavation Notice Required; Ground Water Use Restriction
AFFECTED_MEDIA	Ground Water; Subsurface Soil
CONTAMINANTS_OF_CONCERN	PAH - Polynuclear Aromatic Hydrocarbons; TPH - Total Petroleum Hydrocarbons; VOCs - Volatile Organic Compounds
RESTRICTION_COVERAGE	Entire Property; Portion of Property
ACRES	1.45
COMMENTS	
IC_VFC_ID	40564926
VFC_URL	More info
IC_DATE_LAST_MODIFIED	
DATE_LAST_MODIFIED	9/27/2016, 8:00 PM
STATUS	Approved
Zoom to	

An explanation of each of the Attribute Table entries is provided below.

Master AI ID	IDEM internal use number
Facility ID	IDEM remediation program site number
Facility Name	Name of the facility
Street Address	Official address of the facility
City	City in which the site is located
County	County in which the site is located
Regulatory Program	IDEM regulatory program under which the IC was applied
Closure Type	Official method of site closure
IC Type	A property specific environmental restrictive covenant (ERC) or a deed notice which is generally associated with solid waste facilities.
RM IC ID	IDEM internal use number
Date IC Recorded	Date the IC was recorded on the site deed in the county recorder's office in which the site is located
Control Methods	Legally binding land use restrictions intended to reduce or eliminate exposure to on site residual contaminants of concern
Affected Media	Surface soil, subsurface soil, groundwater, etc.
Contaminants of Concern	Broad categories of the contamination left in place. Can include petroleum, volatile organic compounds (VOCs), semi volatile organic compounds (SVOCs), metals, etc.
Restriction Coverage	Either the entire property or a portion of the property
Acres	Total number of acres to which the IC is applied
Comments	If applicable
IC VFC ID	IDEM's virtual file cabinet (VFC) document number for the IC
VFC URL	Hot link directly to the VFC document
IC Date Last Modified	Date the IC was modified (if applicable)
Date Last Modified	Date the polygon was last modified
Status	Either approved or pending
Zoom to	Zoom directly to the Site polygon on the map

IDEM GIS DISCLAIMER

This map is intended to serve as an aid in graphic representation only. This information is not warranted for accuracy or other purposes. IDEM strives for accuracy and we are constantly refining our data.

QUESTIONS

Please direct any and all questions about the restricted properties GIS layer or the restricted properties to IDEM's Institutional Controls Group at institutionalcontrols@idem.in.gov.